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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER W9644-02 |
| INTERNATIONAL APPLICATION NO. PCT/US2005/009642 | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/593499 |
| INTERNATIONAL FILING DATE March 23, 2005 | | PRIORITY DATE CLAIMED March 23, 2004 |
| TITLE OF INVENTION System and Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit | | |
| APPLICANT(S) FOR DO/EO/US Lenny Lee Albin, George Yaluris, Alfred Ferdinand Jordan | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | |
| 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | |
| 4. <input type="checkbox"/> The US has been elected (Article 31). | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). | | |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | |
| 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. <input type="checkbox"/> A preliminary amendment. | | |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 .CFR 1.76. | | |
| 15. <input type="checkbox"/> A substitute specification. | | |
| 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. | | |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. | | |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |
| 20. <input type="checkbox"/> Other items or information: | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/593499 | | INTERNATIONAL APPLICATION NO. | | ATTORNEYS DOCKET NUMBER | |
| 21. The following fees are submitted: | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee..... | | (Fee Code 1631) | \$300 | \$300 | |
| <input checked="" type="checkbox"/> b) Examination fee..... | | (Fee Code 1633) | \$200 | \$200 | |
| <input checked="" type="checkbox"/> c) Search fee..... | | (Fee Code 1632) | \$400 | \$400 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$900 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE (Fee Code 1681) | | |
| - 100 = | 0 /50 = | 0 | x | \$0 | |
| <input type="checkbox"/> Surcharge of (Fee Code 1617) for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$0 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 85 - 20 = | 65 | x (Fee Code 1615) \$50 | \$3,250 | |
| Independent claims | 8 - 3 = | 5 | x (Fee Code 1614) \$200 | \$1,000 | |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + (Fee Code 1616) | \$0 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | 5,150 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$0 | |
| SUBTOTAL= | | | | \$5,150 | |
| <input type="checkbox"/> Processing fee of (Fee Code 1618) for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$0 | |
| TOTAL NATIONAL FEE = | | | | \$5,150 | |
| <input type="checkbox"/> Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). (Fee Code 8021) per property + | | | | \$0 | |
| x= number of Properties | | | | \$0 | |
| TOTAL FEES ENCLOSED = | | | | \$5,150 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| <p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>07-1770</u> in the amount of <u>\$5150</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-1770</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> | | | | | |
| Name | Charles A. Cross | | | | |
| Address | W R Grace & Co.-Conn, Patent Department, Legal Services Group 7500 Grace Drive | | | | |
| City | Columbia | State | MD | Zip Code | 21044 |
| COUNTRY | USA | Telephone | 410-531-4518 | Fax | 410-531-4195 |
| <p style="text-align: right;">SIGNATURE _____</p> <p style="text-align: right;">Charles A. Cross</p> <p style="text-align: right;">NAME _____</p> <p style="text-align: right;">32406</p> <p style="text-align: right;">REGISTRATION NUMBER _____</p> | | | | | |

1AP16 Rec'd PCT/PTO 20 SEP 2006
10/593499

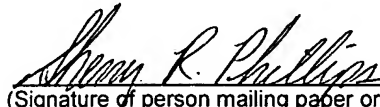
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Date of Deposit: 09/20/2006

I hereby certify that the enclosed documents, Transmittal Letter to U.S. Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 (in triplicate); Declaration & Power of Attorney (in duplicate); return receipt postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Sherry R.-Phillips

(Typed or printed name of person mailing)



(Signature of person mailing paper or fee)

Attorney Docket No. W9644-02